

CENTRAL INTELLIGENCE AGENCY

CD NO.

DATE DISTR. 28 Apr. 1950

NO. OF PAGES 10

~~RETURN~~ TO CIA LIBRARY

NO. OF ENCLS.
(LISTED BELOW)

SUPPLEMENT TO
REPORT NO.

25X1

THIS DOCUMENT CONTAINS INFORMATION AFFECTING THE NATIONAL DEFENSE OF THE UNITED STATES WITHIN THE MEANING OF THE ESPIONAGE ACT OF U. S. C. 31 AND 32, AS AMENDED. ITS TRANSMISSION OR THE REVELATION OF ITS CONTENTS IN ANY MANNER TO AN UNAUTHORIZED PERSON IS PROHIBITED BY LAW. REPRODUCTION OF THIS FORM IS PROHIBITED.

THIS IS UNEVALUATED INFORMATION

25X1

1. a. For about nine months, from the Summer of 1946 to the Spring of 1947, the cruiser Kirov was in the southern dry dock. (1)
The cruiser moved to the naval harbor for a few days twice or three times during 1947.
The cruiser was in the naval harbor for about four weeks in the Fall of 1948.
- b. In the Fall of 1946, the starboard screw shaft was replaced. Soviet foremen stated that the shaft had arrived by sea from Leningrad (59°55'N/30°15'E). It was carried to the naval harbor in lighters and in two sections, each about 15 meters long, 60 cm in diameter. At the harbor they were adjusted on a special lathe erected for that purpose. It was also difficult to insert the shaft into the screw shaft tunnel. This operation had to be done under water as the gates of the lock were open.

Document No. 002
No Change In Class. ☐
☐ Declassified
Class. Changed To: TS S (C) 25X1
Auth.: HR 70-2
Date: 5 June 78

CONFIDENTIAL
CLASSIFICATION ~~SECRET~~

[illegible]

25X1

25X1
CONFIDENTIAL

CENTRAL INTELLIGENCE AGENCY

-2-

25X1A

c. [REDACTED]

25X1

[REDACTED] the cruiser had four main boilers, two auxiliary boilers, and two turbine-driven propellers.

d. Description of the cruiser Kirov:

(1) Raking stem, long forecastle, low-sided aft, square stern.

(2) On the bow was the ship's name Kupob (Kirov) in dead (sic) golden letters on a red background.

(3) On the foredeck two superimposed triple turrets (the rear turret firing over the forward one in the usual manner). Source estimated them to be over 150 mm.

(4) Aft of the gun turrets are long, continuous bridge superstructures with a total of 12 AA machine guns, most of them 20 mm twin machine guns, and some 30 mm, single-barreled guns of about 37 mm caliber. Searchlights were also mounted.

(5) In the forward part of the bridge superstructure is an enclosed turret (about 10 meters higher than that of the cruiser Maksim Gorki) carrying on top a range-finder, span about 4 meters; about 10 meters below it, a range-finder of a span of about 6 meters. It is surmounted by a square-frame aerial about 3 x 3 meters.

(6) Aft of the turret was a vertical mast with a number of fire-control platforms one above the other.

(7) Aft of the mast is a raking funnel. Aft of the forward funnel, on each side of the ship, is a triple torpedo tube.

25X1 (8) [REDACTED] stated that there is no catapult installation between the funnels.

(9) The aft funnel is as high and as broad as the forward one.

25X1 (10) Aft of the after funnel is a vertical mast erected on superstructures carrying AA guns (20 mm twin mounts, and single-barreled guns of about 37 mm. [REDACTED] their [REDACTED] Searchlights and a range finder, vertical mast. 25X1

(11) On the quarterdeck [REDACTED] saw two triple turrets in the same disposition as the forward guns 25X1

CONFIDENTIAL

25X1

CONFIDENTIAL

25X1

CENTRAL INTELLIGENCE AGENCY

-3-

25X1A

and of the same caliber. The upper rear turret carried a quadruple 20 mm AA gun.

(12) [] no kind of rocket-like devices (AA weapons etc.).

2. a. The Maksim Gorki was frequently seen in the Naval Harbor (at intervals of two to eight weeks). She remained there for periods ranging from a few days to two weeks. (2)

During the period from May to September 1948, the cruiser was in the southern dry dock for about four months. Her bottom plates were overhauled and painted and her boilers were repaired. In January 1949, the Maksim Gorki left harbor, allegedly for Leningrad.

b. The statements by a number of dockyard workers who were employed in overhauling the boilers were to the effect that Maksim Gorki has the same type boilers as the Kirov.

c. Description of the Maksim Gorki:

(1) Externally, this ship is very similar to the Kirov. She seems to be slender and her foredeck is less high-sided than that of the Kirov. Except for these differences, the shape of her hull is the same as that of the Kirov. An exception is the conning tower, which is about 10 meters lower.

(2) The armament, size, and disposition of the guns are the same as in the Kirov. There is also a quadruple mount AA gun on the upper after turret.

(3) [] is quite sure that he saw no catapult installed between the funnels, but instead two triple torpedo tubes, one on the starboard and the other on the port.

(4) In contrast, [] reports that there is an aircraft catapult amidships, between the two funnels of the Maksim Gorki.

(5) [] states that the Maksim Gorki has only one triple turret aft. He counted 36 gun barrels on the Maksim Gorki, including AA armament.

3. a. Cruiser Kaliningrad: (3)

[] was told that she is the former German cruiser Muernberg. She was lying in the naval harbor of Lepaya (56°32'N/21°00'E). The cruiser had been taken to Lepaya by a German skeleton crew of 60 (for instructing the new Soviet crew). She did not dock. The German crew returned to Germany in March 1946. The Kaliningrad left harbor for an undetermined destination in March 1946, and did not return to Lepaya by the time []

CONFIDENTIAL

CONFIDENTIAL

25X1

GENERAL INTELLIGENCE AGENCY

-4-

25X1A

b. The cruiser had two superimposed triple turrets aft. Amidships, in lieu of a catapult, there were two sets of triple torpedo tubes, one on the starboard and one on the port side.

4. Two Soviet destroyers were, at irregular intervals, often moored at various berths in the naval harbor, usually in the NE corner. (4)

Description:

- a. Very slender vessels over 100 meters long. Straight, raking stem; square stern, very low-sided after section.
- b. On the forecastle, two superimposed guns, each of approximately 120 mm.
- c. High bridge with square-frame aerial, searchlights, and 20 mm twin AA guns.
- d. High mast with crow's nest, two raking funnels.
- e. In way of funnels, 20 mm twin AA guns and single-barrel AA guns, caliber about 37 mm.
- f. Between the funnels, triple torpedo tubes; [redacted] cannot state definitely whether it was one triple tube mounted in the fore and aft line, or two triple tubes, one on the starboard and one on the port side.
- g. On the quarter-deck two superimposed guns of about 120 mm. [redacted] sure he saw only four guns of this caliber on these vessels.
- h. Forward of the stern guns were AA gun platforms with 20 mm twin guns and single-barrel guns, caliber about 37 mm.
- i. At the sides of the after guns are depth charge launchers, two on each side, rails, gauge about 40 cm, lead out-board over the stern.

5. Three or four Narvik class destroyers were tied up at short intervals at various berths of the naval harbor. (5)

Description:

- a. Very slender, low-sided vessels with high forecastle, raking stem, square stern.
- b. On the forecastle two superimposed 120 mm guns.
- c. High bridge with square-frame aerial and a cup-shaped gadget surmounting the aerial.
- d. Mast with crow's nest, two raking funnels.

CONFIDENTIAL

25X1

~~CONFIDENTIAL~~

CENTRAL INTELLIGENCE AGENCY

25X1A

-5-

e. [] cannot remember whether there was one triple torpedo tube in the fore and aft line or whether there were two triple tubes.

f. Aft were two superimposed guns, arranged the same way as on the forecastle, and 20 mm and 37 mm AA/guns, [] does not remember how they were (approximate) disposed.

6. Except for short intervals, five or six Soviet submarines were berthed in the north corner of the harbor basin. The conning tower of these submarines was less stream-lined than in the German submarines which were observed there; in addition, these boats had no scuppers on the conning towers. (6)

On the conning towers, surmounting them by about 3 meters, four periscopes in two groups one behind the other, of which the forward periscope of each group is higher than the after one. Forward of the conning towers, one 70 to 100 mm gun, at slightly raised bow a net saw.

7. Six or eight former German submarines. They were berthed in the northern part of the harbor and put to sea only at long intervals. The shape of the conning tower is described as "stream-lined" []

There were scuppers fitted at half-height of the conning tower, which carries a cupola forward on top (set backward a little), from which the barrels of two machine guns projected at a high angle, (caliber about 18 mm). Aft of the conning tower, fitted on a tube and about 3 meters above the tower, is a cylindrical shape, rounded off on top and tapering below. Its length is greater than its diameter, which source roughly estimates as 20 cm. Forward of the conning tower is a gun of 88 mm caliber. At slightly raised bow a net saw.

The steps at the conning tower of the German submarines were painted white on a black ground, [] on the German destroyers. This was not done on any Soviet vessel.

8. Four or five midget submarines were tied up at the northernmost end of the harbor basin. When these submarines left port they returned the same day.

The submarines could only be described by source as narrow and small (above water length roughly estimated at 15 meters) low conning tower, neither deck armament nor net saw.

9. Three Soviet torpedo boats were tied up at various places in the harbor basin, usually at the western shore. Length roughly estimated at 60 to 70 meters. Very low silhouette, two or three funnels, two or three guns of 70 to 100 mm, no torpedo tubes. Depth charge launching gear; 40 cm-gauge rails lead outboard over the stern.

~~CONFIDENTIAL~~

CONFIDENTIAL

25X1

CENTRAL INTELLIGENCE AGENCY

25X1A

-6-

10. Ten German built mine sweepers (large type) were berthed at various places and were often seen in the floating docks (engine overhaul).

Description:

High forecastle, square stern, one funnel, large bridge, two guns, caliber about 88 mm. Length 60 to 70 meters.

11. A German motor mine sweeper was berthed north of the harbor canal on the west side of the basin, it rarely left harbor. She was about 20 meters long, low-sided, conning tower not very conspicuous, aft of it a 20 mm AA gun in twin mount, no torpedo tubes.
12. Six or seven PT boats were stationed in the naval harbor during the summer; they left only for short trips. In winter they were hauled up in the dockyard. Wooden hull, about 20 meters, low conning tower, aft of it a twin machine gun. In forward third of length, built in at the sides and projecting toward the stem, one torpedo tube on each side, (caliber smaller than in destroyers). Source believes to have seen three propellers in the boats hauled up on the slip.
13. [] a number of unarmed motorboats in the naval harbor, he cannot remember the exact number. These were about 15 meters long and were fitted with aerial detector gear.
- [] were shown the working of these boats in the screen: In a calm sea the boats ran at very high speed over a mine-suspected sea area and caused the detonation of electric mines behind them by means of their gear.
14. The old German target vessel Hessen was stationed in the southeasternmost corner of the harbor basin. Due to her strange superstructures, [] could easily identify her. The ship never left harbor.
15. Together with a sistership of hers, the German target-ship control vessel Blitz was stationed in the NW part of the harbor basin near the submarine berths. The turbines of the vessel were repaired in the summer of 1947. She then put out for trial runs.

CONFIDENTIAL

25X1

~~CONFIDENTIAL~~

25X1

CENTRAL INTELLIGENCE AGENCY

-7-

25X1A

25X1A

[] Comment:

(1)

Cruiser Kirov

The description of the cruiser given [] is not correct in every respect. [] definitely [] that there is no catapult between the two funnels. According to information available, the catapult installation mounted on the ship was never removed. The [] also believes that he saw two gun turrets on the quarter-deck of the cruiser. We have no information about the installation of a second gun turret. The Kirov was laid down in the Baltic Shipyard in Leningrad in 1935. She was commissioned on 26 September 1938. Length over all (LOA): 190 meters, length on the water line (LWL): 187 meters.

25X1

25X1

25X1

Maximum beam (width): 17.66 meters.
Maximum draft: (at full load)

(1) at bow: 5.75 meters.

(2) at stern: 5.75 meters.

Heights above water line:

(1) to truck of mast: 33.5 meters.

(2) to upper edge of funnel: 20.3 meters

(3) to upper deck (freeboard): 7.3 meters

Displacement:

(1) standard (designed) 8,545 metric tons - 8,722 English tons

(2) at full load 9,207 metric tons - 9,350 English tons

Change of displacement per 1 cm change of draft - 22 metric tons - 22.35 English tons.

Metacentric height: 1 meter

Turning circle on turning to opposite course:

(1) diameter: 1,110 meters

(2) time: 5 minutes

(3) helm angle: 20 degrees

(4) speed: 14 knots

~~CONFIDENTIAL~~

25X1

~~CONFIDENTIAL~~
~~SECRET~~

25X1

CENTRAL INTELLIGENCE AGENCY

25X1A

-8-

Armor: Sides 50 mm, deck 50 mm

Guns:

9-180 mm, length in caliber 57

6-100 mm, length in caliber 56

No reliable information is available regarding AA armament. As a result of war experience it is probable that it has been considerably increased.

Range finders:

Six - 6-meter range finders

one - 1.5-meter range finder

two-3 -meter range finders

Torpedo armament:

(1) Two twin tubes, caliber 53.3 cm with tube diverging gear for fan shots

(2) Training speed of tubes: 6 degrees per second

(3) Training angle: 50 deg. from abeam to either side.

In addition, the cruiser can carry 90 mines and 50 depth charges.

Chemical equipment:

(1) No. 1 smoke-laying plant, three in number. Smoke agent: Fuel oil (Masut)

(2) No. 2 smoke-laying plant, one. Smoke agent: Chloride of sulphur acid.

(3) Toxic gas smoke plant: Two in number (powerful plant). Smoke agent: Chloroacetophenon, Diphenylchlorarsin.

(4) Filter gas masks: Complement plus 10%
Oxygen gas masks: 25 in number.

Ship's propelling plant:

(1) Prime movers: Six ahead turbines, 113,000 H.P. (18)
Four astern turbines

(2) Screw propellers: Two three-bladed propellers

(3) Boilers: Six Yarrow Normand boilers

(4) Fuel:

Kind of fuel: Fuel oil Masut

CONFIDENTIAL

25X1

CONFIDENTIAL

25X1

CENTRAL INTELLIGENCE AGENCY

-9-

25X1A

Supply: Normal capacity 640 tons
maximum capacity 1,280 tons

Consumption per hour:
At top speed (37 knots) 57.6 tons
at cruising speed (18 knots) 7.7 tons

Water supply: 359 tons

Time required for getting the engines ready for sea:
Normally 4 hours.

Maximum speed:

- (1) Contract speed: 37 knots
- (2) Maximum speed: 35.94 knots

Cruising speed: 18 knots

Radius of action: At top speed (maximum speed) 850 nautical miles
at cruising speed 3,000 nautical miles

Dynamo engine:

Four turbodynamos, 165 KW each

Two Diesel dynamos, 165 KW each

Searchlights:

Four 90 cm searchlights, range: 12 km

To signal searchlights.

Signal equipment:

- (1) Radio equipment: Transmitter: Uragan, Storm M, Bries,
Bukhta
Receiver: Dosor, Metel
- (2) Ultrahigh frequency set: Reyd
- (3) Radio direction finding apparatus: (D/F gear) Gradus -K
- (4) Radio locating gear: SLS Arktur

Complement:

Officers and persons of similar rank: in peace time 54

Warrant officers and petty officers: in peace time 148

Other ranks : in peace time 532

Total strength: In peace time 734.

The war time crew of the cruiser is unknown.

CONFIDENTIAL

25X1

25X1

CONFIDENTIAL

CENTRAL INTELLIGENCE AGENCY

-10-

25X1A

25X1

- (2) The statements [] are correct. The cruiser Maksim Gorki has only one gun turret aft and a catapult installation between the two funnels.
- (3) The cruiser Kalininograd, mentioned here, is the ex-German cruiser Muenberg, now renamed Admiral Makarov.
- (4) The destroyers mentioned [] may be units of the Leningrad class. Of this class the two destroyers Leningrad and Minsk are stationed in the Baltic.
- (5) The destroyers of the Narvik class mentioned [] are probably units of the Silnii class. The four destroyers the Soviet Union received as war booty are probably not fully serviceable, some of them are under repair in Rostock.
- (6) These boats are probably units of the M 89 type.

25X1

25X1

25X1

[] state that the Soviet vessels as well as the naval personnel are dirty and untidy. There is defective paint, rusty spots, bulged parts, slovenly clearing of guns. The sentries were armed with submachine guns with drums or (rarely) short carbines with hinged bayonet on them.

CONFIDENTIAL

25X1